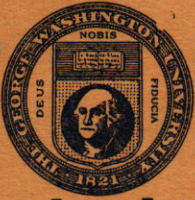


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SEPTEMBER

1948

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NUMBER A

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Engineering School Traditions

As you progress in your field of engineering you begin to find that the events and traditions of our engineering school are becoming as much a part of your curriculum as your studies. For the freshman these traditions are probably still undefined. They have much to look forward to.

The Engineers' Mixer, always held on the first Wednesday of the new semester, is to allow new students to meet their prospective professors and get acquainted with the customs of the School.

The Engineers' Mixer, usually held on the recreational professional atmosphere during the school year, hold their meetings on the first Wednesday of each month and have become traditional extra-curricula activities that pay off to the graduating engineers in both social, and often indirectly, financial dividends.

At Christmas the engineers present the School with a Christmas Tree. These ceremonies now stand as an annual memorial to Professor Frank A. Hitchcock, who originated the tradition of the Tree presentation. For this, the whole school turns out in an all-University sing held in conjunction with the lighting of the Tree.

On the first Saturday of the second semester comes the highlight of the year—the Engineers' Ball! Slide-Rules are allowed to cool off, the "best" girl is dated, and for the evening there are revelries of wine, women, and song, and more of the same.

Then there is the Annual Frank T. Howard Lecture, for which \$5,000 was made available to provide the engineers with the best of professional lecturers. This is an event not to be missed.

Welcome Engineers

by ASST. DEAN C. H. WALTHER

To all Engineering students, Greetings. It is always good to see again the faces of our old students who are returning for another year of study. It is equally pleasant to welcome the new students as they begin their academic careers.

There is little advice I can offer to you students who are returning. You are already familiar with the courses and extra-curricular activities, so that you find your way around the school without difficulty. But let me ask for your aid in welcoming our new students. You can help them by meeting them, taking them into your meetings, and generally "showing them the ropes" about the School of Engineering. I know you will all help here, as you have in the past.

To you new students I say, "Participate as much as you can in the life of the School and University." It is taken as a matter of course that you will work hard at your studies—if you didn't intend to, you wouldn't be here in the Engineering School. Engineering demands hard work for success, but beyond this, take an active part in the programs of your engineering Student Chapters. Join in all the student life of the University. You will find that it will repay you many times over, by the contacts you make and the knowledge you gain. Extra-curricular activities are as much a part of your college education as your formal classes. Finally, if you should encounter difficulties, do not hesitate to ask your advisor for aid or advice. He can help you and is glad to do so.

The Dean and the Faculty welcome you to the School of Engineering and wish you all success in your endeavors.

Finishing off the school year is the Engineers' Banquet. This event, held on the last Saturday of the second semester, is considered by many as a repast for the tired and starving. Awards for the year are presented, and the engineer relaxes in an aura of grandeur of good food and entertainment.

As each of you shares in these traditions, the underlying relationships of good fellowship and sociability merge with your personality. This is good knowledge, well gained. These are the stepping stones from graduation to success.

THE ENGINEERS' COUNCIL

Each university and college, true to the democratic principles of our country, has a form of student government by which the students take a part in the running of their school. Here at George Washington, the student body of the Engineering School has a special council which supplements the work of the Student Council of the University. This group is called the Engineers' Council. Its purpose is to further the aims of the engineering students and to achieve for the School of Engineering a major role in student life. Its members are chosen by the engineering students, with members representing each of the engineering societies and fraternities. One Member-at-Large is chosen from the engineering student body by the Council at its first meeting.

The Engineers' Council has a voice on the Student Council through the Member-at-Large who attends their meetings. In this way the Engineers' Council cooperates with the University Student Program of the main legislative body.

The Engineers' Council supervises and assists in the Engineering mixers and general meetings and arranges a calendar for the meetings of all engineering organizations. It publishes the engineering magazine of the school, *The Mecheleciv*. Probably the two best known affairs sponsored by the Council are the Engineers' Ball and Banquet, easily the high spots in the engineering students' social life.

In addition to the regular program, the Council sponsors special projects for the good of the student body and the School of Engineering. The current project is to obtain in the Engineers' Lounge, on the second floor of the Mechanical Engineering Building, a library of technical books to supplement the University Library. Some three hundred books are already in the collection. This fall, the Council will obtain book shelves and arrange hours when the new library will be open. It is hoped that this project will grow rapidly. Donations of books may be made to the Mecheleciv Office.

The Council members for this year are: Larry R. Brown, Pres. and IRE Representative; Charles Appel, Vice Pres. and Theta Tau Rep.; James A. Sinsabaugh, Sec. and ASME Rep.;

ENGINEERING FRATERNITIES

To all new engineering students Sigma Tau and Theta Tau offer a hearty welcome and encouragement during your freshman year. As the two fraternities do not compete you have a chance to become a member of both.

Sigma Tau Fraternity, a national honor society, recognizes scholastic achievement, sociability, and practicality. New initiates are selected from the upper third of the combined junior and senior class with sociability and practicality being the deciding factor. One of the activities of Sigma Tau is to offer tutoring to engineering students that have found some subject too difficult. Sigma Tau also awards a medal to the engineering student with the highest scholastic average as a freshman. Working to stimulate engineering minds Sigma Tau has become an important influence to engineering activities at G.W.U.

Theta Tau, a professional engineering fraternity, recognizes ability, sociability, and activity in G.W.U.'s engineering projects. Working to advance professional interest and to promote engineering activities, the Fraternity has played a leading role at G.W.U. Another important function of Theta Tau is to provide social events for its members. In addition to the two or three dances each year the fraternity also holds get acquainted parties for prospective members.

Although both fraternities function along the same lines, Sigma Tau requires scholastic ability and is primarily a recognition society, while Theta Tau is a service and social organization for those who take an active part in the student activities of the school.

Subscribe to Mecheleciv

Reid Mayo, Treas. and IRE Rep.; Ben Cruickshanks, Jr., Program Director and Sigma Tau Rep.; Donald Davis, Jr., Social Director and ASCE Rep.; Hollis Kushman, Mecheleciv Editor; Robert Manville, Theta Tau Rep.; Birch Eakin, Sigma Tau Rep.; William Klein, AIEE Rep.; Mathew Flato, AIEE Rep.; Albert Tinkelenberg, ASME Rep.; Jerry Michael, ASCE Rep.; and Ervin Liljegren, Member-at-Large.

ENGINEERING SOCIETIES

George Washington University is proud of its four engineering societies, The American Society of Civil Engineers, The American Society of Mechanical Engineers, The American Institute of Electrical Engineers, and The Institute of Radio Engineers. The only requirement for entrance is that the student major in the general field of engineering. The purpose of these organizations is to foster professional interest, promote scholastic achievement, and provide a chance for social contact among engineering students with similar interests. This last is much more important than it would appear to be, for it is through social contacts that the average student may get more from college life and become an active member of the University.

The first meeting will be devoted to a Fall Mixer at which time you will be invited to join your society. At the monthly meetings you may hear a technical discussion, see an interesting movie, or even be offered a job. Field trips to various points of interest to the student engineer are scheduled in addition to the meetings. The numerous parties held during the year round out the activities of the societies.

What some engineers overlook when they fail to join is the fact that the societies continue on after graduation. Then, if at no other time, will they need the social contacts and professional experience of fellow engineers that membership offers. Don't put it off—join now.

★ THE MECHELECIV STORY ★

Mecheleciv will be mailed this year to all subscribers. The subscription fee is \$1.00 for the year, which will include five regular issues and one pre-registration edition. The new size is 10" x 7" and will be 16 pages of editorials, features, campus news, alumni news, pictures and cuts, and other items of interest to engineers.

Printing, which is the major cost, will be approximately \$800, including the pre-registration copy. If there are 700 subscribers, adding in the mailing costs sends the total cost to about \$900, which leaves \$200 to be paid by advertising. These figures are based on as low a cost as possible and allow practically nothing for improvements such as more cuts.

There are an estimated 1000 students in the

To the Confused

by JERRY MICHAEL

Take heart, oh valiant Freshman, and be assured that there are worse ordeals in life than registration and orientation. This year the Engineers' Council is making a special effort to assist the Freshman in registration and to help him take his place in the engineering school.

On October 13, 1948 at 8:15 P.M. the engineering school will hold its annual Engineers Mixer in the Hall of Government. By all means *attend this meeting*. Here you will meet representatives of the various engineering departments, student members of the engineering societies and fellow engineering students. As a member of the engineering student body it is your duty to your school and to yourself to attend this meeting and become acquainted with the people who you will be associated with for your school years.

Buildings M, N, and the Mechanical Engineering Building house the offices of the Dean and the professors of the School of Engineering. You may make an appointment to see the staff members for counselling purposes at the Dean's office on the first floor of building N.

The Dean of Engineering is Frederick M. Feiker.

The Department Heads are:

Civil Engineering—Prof. Greenshields

Elec. Engineering—Prof. Ames

Mech. Engineering—Prof. Cruickshanks

The advisor for the B.S. curriculum is Asst. Dean Walther.

Try to confer with your department advisor or a member of the Engineers' Council before your registration day to make sure of the proper procedure, so that you may save yourself and the staff much unnecessary work. On registration day members of the Engineers' Council will be on hand to help you. These men will be glad to assist you and get you started off on the right foot.

Welcome to the Engineering School, and Good Luck, fellow Engineer.

School of Engineering plus about 800 alumni. If the magazine is to be a success, meaning that it will be given the opportunity of becoming a larger and still better publication in years to come, it will have to have the full cooperation of everyone. **SUBSCRIBE NOW!**

Colonial Boosters

"JOIN COLONIAL BOOSTERS" is the catchphrase for the new Colonial Boosters Club organized to support University sports teams. Cheering sections, half-time fun, pep rallies, and entertainment for prospective athletes will be high on the list of the group's activities.

All students on campus are invited to join Colonial Boosters when membership drives swing into action near the end of August. For the fee of one dollar, each member will receive an identification card which entitles the holder to seats in the reserved section on the 50-yard line for the entire football season. Other privileges will be forthcoming to Colonial Boosters.

Under the sponsorship of Omicron Delta Kappa, men's honor society, representatives of leading campus organizations were invited to form the executive committee of Colonial Boosters.

Student members of the committee are James Van Story, Jr., ODK and chairman of the committee; Frank Cullen, ODK; Pete Smith, publicity director of the Student Council; Joe Koach, social chairman of the Student Council; Betty Ann Paisley, president of Morta Board; Sara Ford Dallmeyer, member of Hatchet board of editors; Sally Ann Evans, Panhellenic representative; Chuck Coffin, IFC president; Tom Pence, captain of the cheerleaders; Jim Crowley, president of the band; and Marilyn Brownfield, homecoming committee.

The executive committee operates under parliamentary procedure, with two-thirds of the student members in attendance required to do business. Minutes of the meeting are made available to interested persons.

Omicron Delta Kappa originated the idea of Colonial Boosters with the purpose of campus sports enthusiasm foremost in the resolution from ODK's executive committee. Coordination of team support is the goal of ODK through the organization of Colonial Boosters.

Deadline for membership in the club is the night of the GWU-VMI game at Griffith Stadium on October 2.

The above is a reprint from the Summer School Record

Mecheleciv feels that the underlying principles of the Colonial Boosters Club should be as important to engineers as anyone else. Engineers too often say that they haven't time to be inter-

(Continued on back inside cover)

TIPS TO FRESHMEN

by LARRY BROWN

In order to guide new engineers through the complexities of their chosen profession and to lessen the bewilderment of orientation in the Engineering School, a consideration of the following tips is suggested.

Plan your program ahead. Many students have to put off graduation for several semesters because they lack pre-requisites to required courses, or because a course is not offered during a particular semester. To avoid these difficulties, acquaint yourself with the curriculum requirements and plan your program farther ahead than the forthcoming semester. Consult your faculty advisor. Take all your math and physics courses as early as possible.

Determine your engineering interests. Many students switch majors half way through college, and as a result, find that they have lost valuable time and credits. To avoid this, attend the Engineering Society meetings. One of the aims of the Societies is to provide contacts with the different phases of engineering. These contacts are not only with other students, but more often with professional engineers who can give you an insight of the different fields as a profession.

Pursue the field in which you are most interested. If you are interested in your work it becomes easy, and you will be able to forge ahead to success. Remember, the profession you choose will be a lifetime job, and it may as well be a pleasant one.

ANNUAL FALL MIXER

sponsored by

The Engineers' Council

October 13, 1948 - 8:15 p.m.

GOVERNMENT 1

- Societies
- Fraternities
- Guest Speaker
- Refreshments



**ALL ENGINEERING
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Alumni

All people, who attended George Washington University for at least one semester and left in good standing, are considered alumni and are eligible to join the General Alumni Association. Each professional school has, in addition, its own alumni association. Mr. Lester Smith, who is in charge of the Alumni office at the University, has the responsibility of keeping in touch with alumni by sending magazines and articles of various interest from the school. Mr. Smith has also helped Mecheleciv by handling all office costs and by correlating student and alumni affairs.

Phileas H. Girouard, B.S. in M.E., 1926, is the president of the Engineering Alumni Association, and his fellow officers are: Merwyn N. McKnight, B.S. in M.E., 1938, Vice Pres.; Robert G. Weston, B.E.E., 1943, Recording Sec.; J. Harold Link, B.S. in E.E., 1940, Corresponding Sec.; Henry H. Snelling, B.S. in M.E., 1913, Executive Committee; Thomas R. Edmonston, B.S. in C.E., 1937, Exec. Com.; and Daniel O. Hunter, B.S. in E.E., 1937, Exec. Com.

Mecheleciv helps to keep the Engineering Alumni Association active by printing happenings and events concerning the alumni. It is designed to please the alumni as well as the students. Several articles written last year were requested by government agencies which is indicative of the calibre of the material the students can produce. Last year, with bouquets to the Alumni Association, the magazine outgrew mimeographed photo-offset method and became a printed publication.

Donations from the Engineering Alumni Association as a group and from several friends of the school, plus the advertising receipts and surplus funds of all the Engineers' Council activities, kept Mecheleciv alive without cost to the students last year. However, individual friends should not be repeatedly asked for such funds. It is the objective of the staff to keep the magazine self-supporting from now on by this low subscription rate, so that gifts of friends may be used for improving the contents of Mecheleciv by additional pictures and, if possible, more pages per issue.

News of individual engineering alumni and of the proceedings of their association are always of interest to Mecheleciv, and there will be a special department again this year for such matters. Alumni are urged to submit articles concerning their professional activities which are of general interest to everyone.

Bulletin Boards

As new students, you are wondering where you can find this or that information, whether it be a job, news, or class information. Placed conveniently in Corcoran Hall are two main Bulletin Boards for engineers. The first is located on the ground floor near the water fountain. This board contains such information as changes in class schedule time and place of conducted tours of the engineering societies, and positions of employment available to engineers. The second board is just outside the Engineers' Lounge on the second floor of the same building. It contains technical information published by various concerns, job openings listed with the national headquarters of the engineering societies, a program of coming events of interest to engineers.

In addition to these bulletin boards there is also one located in The Columbian House (NE corner of 21st and G Sts.) which lists the pay scale, requirements, and location of job openings in the U.S. Government.

These boards are all for your use. If you know of anything that you think should be on these boards—just contact your dean, advisor, or any instructor.

It was once said, "It pays to advertise." Our advertisers place advertising in Mecheleciv with the reasonable belief that they will obtain the patronage of many of our readers.

Particularly with a student magazine, advertisers are taking a gamble. They have no idea of the return they will get from their ads. Almost all of our advertisers will continue to advertise in subsequent issues of Mecheleciv only if our readers cooperate by patronizing the business or service of the advertiser.

Help yourselves and help Mecheleciv. Those of you who find you have need of an advertised service can help yourselves by going to a Mecheleciv advertiser and help Mecheleciv by mentioning where you saw the ad.

(Continued from page four)

ested in sports. Granted, engineers have a full schedule, but the busiest person can always find time for another activity. The busiest person should take time for a little relaxation. Join Colonial Boosters, and give the University sports teams the cooperation and backing they deserve.

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